

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80354

Employer : University of Washington

Worksite : School of Medicine - Lake Union

Street : 815 Mercer St

Jurisdiction : City of Seattle

Survey Date : 11/18/2016

Survey Type : Online

Response Rate : 58%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 44.4%

Reported Total Employees at Worksite: 664

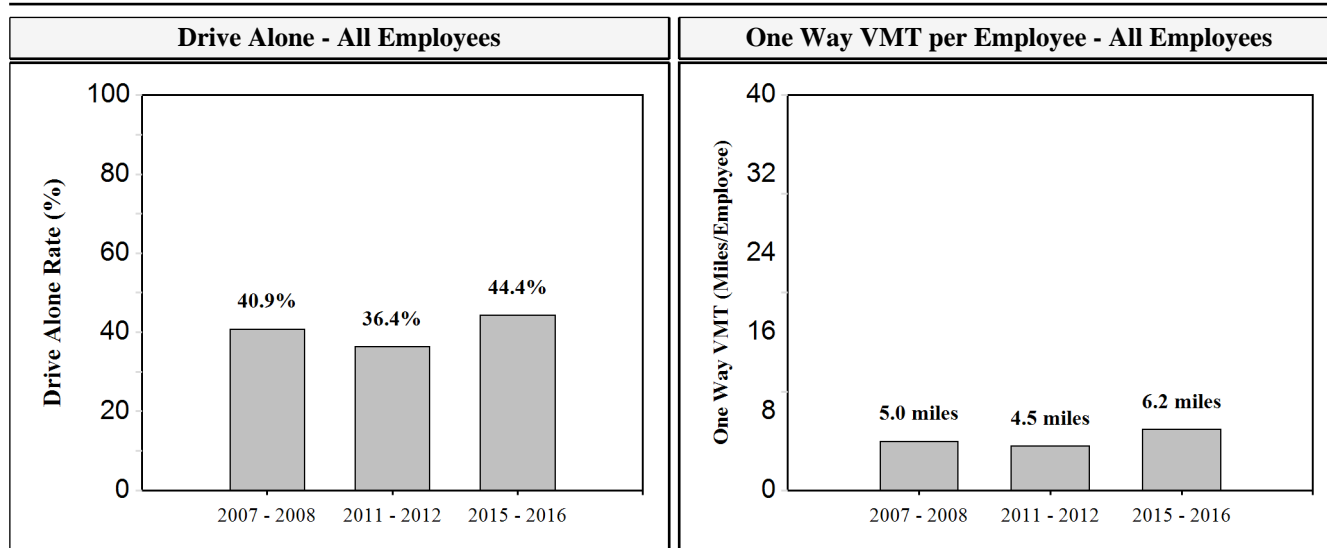
One-Way VMT per employee : 6.2

Surveys Distributed : 657

Surveys Returned : 380

Surveys Returned by CTR Affected Employees : 343

Total Estimated CTR - Affected Employees at Worksite : 593



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	40.9%	39.6%	5.0	5.1
2009 - 2010	34.2%	35.2%	4.2	4.5
2011 - 2012	36.4%	37.0%	4.5	4.8
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	44.4%	46.5%	6.2	6.4
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	8.6%	17.4%	24.0%	25.5%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2015 - 2016	2015 - 2016 Without Fill In
Drive Alone - All Employees*	40.9%	36.4%	44.4%	32.6%
Drive Alone - CTR Affected Employees*	39.6%	37.0%	46.5%	34.1%
VMT/Employee - All Employees	5.0	4.5	6.2	4.8
VMT/Employees - CTR Affected Employees	5.1	4.8	6.4	5.0

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2015 - 2016
Emissions for Surveyed Employees	218	382	378
Estimated Emissions for Total Employment	354	796	661

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	508,524	1,659,792	1,256,008
Bus Annual Passenger Miles - Surveyed Employees	313,700	796,700	718,800
Ferry Annual Passenger Miles - Estimated for Total Employment	0	107,292	110,084
Ferry Annual Passenger Miles - Surveyed Employees	0	51,500	63,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	37,446	108,542	331,825
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	23,100	52,100	189,900

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

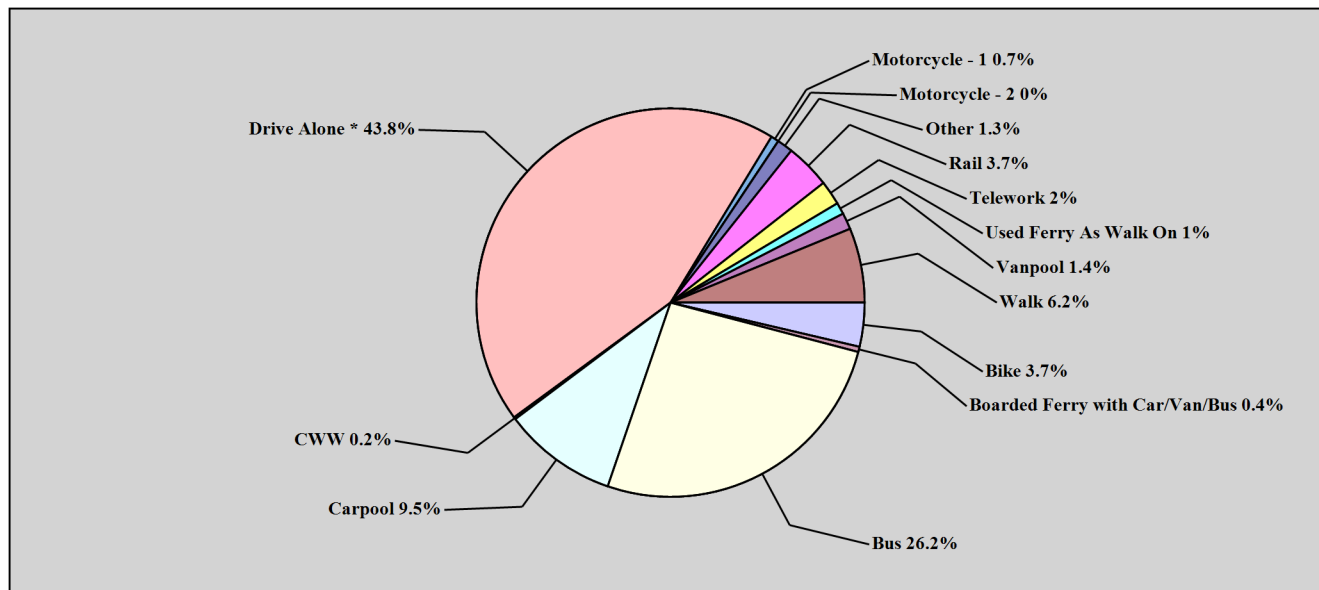
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 12.2 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



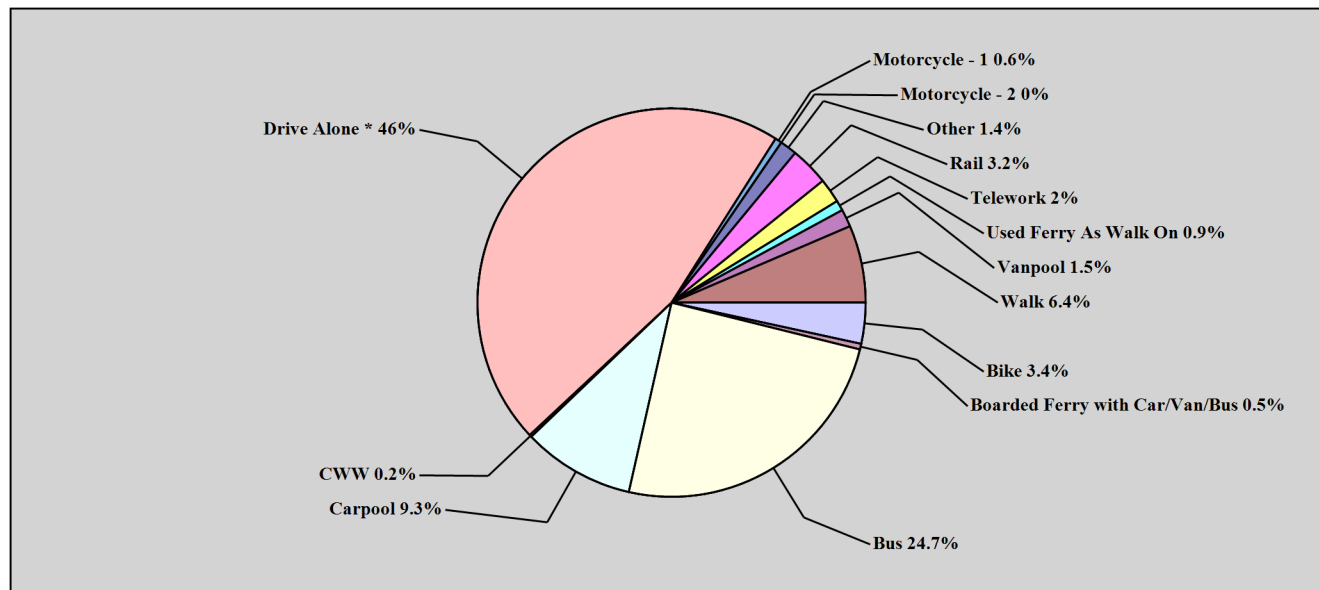
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	994	43.8%	35.8%	170	44.7%	49.2%
Carpool	216	9.5%	8.0%	59	15.5%	10.7%
Vanpool	31	1.4%	0.6%	7	1.8%	0.8%
Motorcycle - 1	15	0.7%	0.5%	4	1.1%	1.0%
Motorcycle - 2	0	0.0%	0.2%	0	0.0%	0.5%
Bus	594	26.2%	33.6%	141	37.1%	42.2%
Rail	85	3.7%	1.5%	25	6.6%	2.1%
Bike	83	3.7%	6.5%	25	6.6%	8.9%
Walk	141	6.2%	8.3%	37	9.7%	9.1%
Telework	46	2.0%	1.4%	30	7.9%	5.2%
CWW	4	0.2%	0.2%	3	0.8%	0.8%
Boarded Ferry with Car/Van/Bus	10	0.4%	0.3%	2	0.5%	0.3%
Used Ferry As Walk On	22	1.0%	0.3%	5	1.3%	0.3%
Other	30	1.3%	2.8%	11	2.9%	4.7%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	971	46.0%	36.4%	161	46.9%	51.1%
Carpool	197	9.3%	8.5%	54	15.7%	11.5%
Vanpool	31	1.5%	0.3%	7	2.0%	0.3%
Motorcycle - 1	12	0.6%	0.5%	3	0.9%	1.0%
Motorcycle - 2	0	0.0%	0.3%	0	0.0%	0.7%
Bus	521	24.7%	34.8%	123	35.9%	44.3%
Rail	68	3.2%	1.4%	20	5.8%	2.0%
Bike	72	3.4%	6.3%	20	5.8%	8.9%
Walk	136	6.4%	7.6%	36	10.5%	8.9%
Telework	43	2.0%	1.5%	28	8.2%	5.6%
CWW	4	0.2%	0.2%	3	0.9%	1.0%
Boarded Ferry with Car/Van/Bus	10	0.5%	0.3%	2	0.6%	0.3%
Used Ferry As Walk On	18	0.9%	0.3%	4	1.2%	0.3%
Other	30	1.4%	1.7%	11	3.2%	3.3%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	88	23%	380	100%
1 Days	14	4%	292	77%
2 Days	27	7%	278	73%
3 Days	20	5%	251	66%
4 Days	40	11%	231	61%
5 Days	179	47%	191	50%
6 or More Days	12	3%	12	3%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	75	21.5%	32	9.2%	110	31.5%	39	11.2%	12	3.4%	7	2%	42	12%	5	1.4%	233	66.8%
4 days a week (4/10s)	1	9.1%	2	18.2%	3	27.3%	1	9.1%	1	9.1%	0	0%	0	0%	1	9.1%	7	63.6%
3 days a week	0	0%	1	12.5%	2	25%	1	12.5%	1	12.5%	0	0%	0	0%	0	0%	4	50%
9 days in 2 weeks (9/80)	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	2	25%	1	12.5%	0	0%	0	0%	1	12.5%	0	0%	5	62.5%

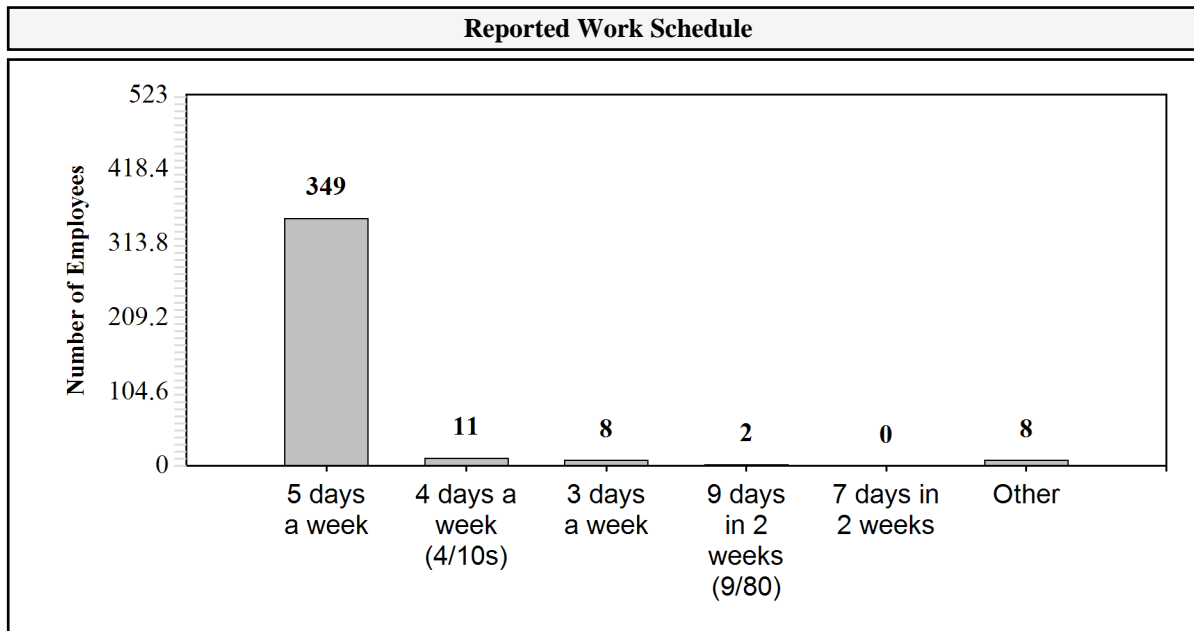
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	15
2	Motorcycle	0
2	Carpool	206
3	Carpool	10
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	23
6	Vanpool	0
7	Vanpool	3
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

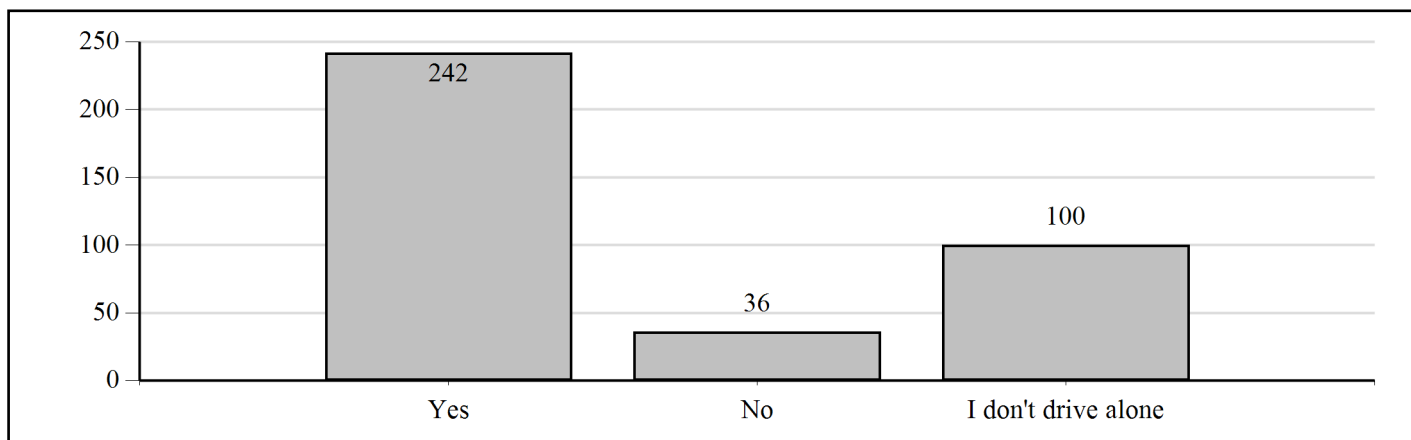
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	349	92.3%
4 days a week (4/10s)	11	2.9%
3 days a week	8	2.1%
9 days in 2 weeks (9/80)	2	0.5%
7 days in 2 weeks	0	0%
Other	8	2.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.5%
I don't telework	213	56.1%
Occasionally, on an as-needed basis	110	28.9%
1-2 days/month	14	3.7%
1 day/week	29	7.6%
2 days/week	3	0.8%
3 days/week	9	2.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	159	18.3%
Cost of parking or lack of parking	142	16.3%
Free or subsidized bus, train, vanpool pass or fare benefit	137	15.7%
Environmental and community benefits	93	10.7%
Personal health or well-being	83	9.5%
Other	69	7.9%
To save time using the HOV lane	53	6.1%
I have the option of teleworking	47	5.4%
Driving myself is not an option	47	5.4%
Financial incentives for carpooling, bicycling or walking.	27	3.1%
Emergency ride home is provided	5	0.6%
Preferred/reserved carpool/vanpool parking is provided	5	0.6%
I receive a financial incentive for giving up my parking space	3	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	231	29.4%
I like the convenience of having my car	159	20.2%
Family care or similar obligations	141	17.9%
Other	117	14.9%
My job requires me to use my car for work	62	7.9%
Bicycling or walking isn't safe	39	5.0%
My commute distance is too short	28	3.6%
I need more information on alternative modes	8	1.0%
There isn't any secure or covered bicycle parking	2	0.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	0	0	21	0	0	10	0	2	3
2	4	0	1	23	0	0	9	0	2	4
3	0	0	0	5	0	0	2	0	0	0
4	1	0	0	11	0	0	8	0	0	3
5	5	1	0	23	0	0	7	0	2	4
6	4	0	0	7	0	1	2	0	0	0
7	1	0	0	3	0	0	0	0	0	0
8	3	1	0	17	1	0	5	0	1	0
9	0	0	0	1	0	0	0	0	0	0
10	9	0	0	38	0	0	13	0	0	2
11 or more	2	0	0	20	1	1	1	0	1	0
# Of Employees using Transit	34	2	1	169	2	2	57	0	8	16
Total One-Way Transit Trips Per Week	215	13	2	1164	22	18	297	0	38	63

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	0	0	20	0	0	10	0	2	3
2	4	0	1	20	0	0	8	0	2	4
3	0	0	0	5	0	0	2	0	0	0
4	1	0	0	9	0	0	6	0	0	3
5	5	1	0	20	0	0	7	0	2	3
6	3	0	0	6	0	0	2	0	0	0
7	1	0	0	2	0	0	0	0	0	0
8	2	1	0	14	0	0	4	0	0	0
9	0	0	0	1	0	0	0	0	0	0
10	9	0	0	34	0	0	11	0	0	2
11 or more	2	0	0	19	1	1	1	0	1	0
# Of Employees using Transit	32	2	1	150	1	1	51	0	7	15
Total One-Way Transit Trips Per Week	201	13	2	1032	14	12	259	0	30	58

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
91803	1	0.26%	0	5	0	0	0	0	0	0	0	0	0	0	0
98003	2	0.53%	0	6	0	0	2	2	0	0	0	0	0	0	0
98004	2	0.53%	0	0	0	0	10	0	0	0	0	0	0	0	0
98005	1	0.26%	0	5	0	0	0	0	0	0	0	0	0	0	0
98006	4	1.05%	8	7	0	0	5	0	0	0	0	0	0	0	0
98007	2	0.53%	0	0	0	0	10	0	0	0	0	0	0	0	0
98008	1	0.26%	0	0	0	0	6	0	0	0	0	0	0	0	0
98011	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98012	3	0.79%	0	10	0	0	5	0	0	0	0	0	0	0	0
98014	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98019	2	0.53%	5	0	4	0	0	0	0	0	0	0	0	0	0
98021	4	1.05%	11	5	0	0	5	0	0	0	0	0	0	0	0
98023	2	0.53%	1	0	0	0	5	0	0	0	0	0	0	0	0
98026	7	1.84%	15	0	0	0	17	0	0	0	0	0	0	0	0
98027	2	0.53%	7	0	0	0	5	0	0	0	0	0	0	0	0
98028	2	0.53%	10	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.53%	9	0	0	0	0	0	0	0	1	0	0	0	0
98030	2	0.53%	0	3	5	0	0	2	0	0	0	0	0	0	0
98031	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98033	3	0.79%	6	0	0	0	9	0	0	0	0	0	0	0	0
98034	3	0.79%	6	9	0	0	0	0	0	0	0	0	0	0	0
98036	8	2.11%	12	0	5	0	19	0	0	0	2	0	0	0	0
98037	4	1.05%	5	12	0	0	3	0	0	0	0	0	0	0	0
98040	2	0.53%	0	5	0	0	0	0	0	0	0	0	5	0	0
98043	4	1.05%	5	0	0	0	15	0	0	0	0	0	0	0	0
98045	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0



98052	3	0.79%	5	0	0	0	9	0	0	0	0	0	0	0	0
98055	2	0.53%	5	5	0	0	0	1	0	0	0	0	0	0	0
98056	4	1.05%	12	0	0	0	5	0	0	0	0	0	0	0	0
98058	2	0.53%	0	0	0	4	0	5	0	0	0	0	0	0	0
98059	4	1.05%	3	2	0	0	12	0	0	0	3	0	0	0	0
98070	3	0.79%	0	0	9	0	0	0	0	0	0	0	0	6	0
98072	1	0.26%	0	0	0	0	4	0	0	0	1	0	0	0	0
98074	3	0.79%	9	0	0	0	5	0	0	0	1	2	0	0	0
98077	1	0.26%	2	0	0	0	0	0	0	0	2	0	0	0	0
98087	2	0.53%	0	0	0	0	10	0	0	0	0	0	0	0	0
98092	2	0.53%	0	0	0	0	0	8	0	0	1	0	0	0	0
98101	1	0.26%	0	0	0	0	0	0	0	5	0	0	0	0	0
98102	13	3.42%	21	6	0	0	16	2	8	12	1	0	0	0	1
98103	22	5.79%	37	9	0	3	40	0	12	3	0	0	0	0	1
98104	3	0.79%	0	0	0	0	10	0	0	0	0	0	0	0	5
98105	11	2.89%	25	2	0	0	18	0	0	4	0	0	0	0	3
98106	3	0.79%	5	0	0	0	10	0	0	0	0	0	0	0	0
98107	18	4.74%	29	14	0	0	32	0	13	0	4	1	0	0	0
98108	5	1.32%	8	5	0	0	0	0	0	0	2	0	0	0	4
98109	19	5.00%	16	0	0	5	7	0	3	66	0	0	0	0	0
98110	3	0.79%	0	0	0	3	0	0	0	0	0	0	0	11	0
98112	10	2.63%	14	0	3	0	20	0	10	1	0	1	0	0	0
98115	27	7.11%	47	4	0	0	64	2	8	1	0	0	0	0	4
98116	3	0.79%	7	2	0	0	3	0	3	0	0	0	0	0	0
98117	10	2.63%	21	12	0	0	14	0	0	0	3	0	0	0	0
98118	3	0.79%	4	0	0	0	0	10	0	0	1	0	0	0	0
98119	12	3.16%	21	1	0	0	5	0	0	22	5	0	0	0	8
98121	6	1.58%	2	0	0	0	5	2	0	19	1	0	0	0	3
98122	7	1.84%	0	3	0	0	24	1	0	8	0	0	0	0	0
98125	12	3.16%	15	0	0	0	38	0	5	0	2	0	0	0	0
98126	4	1.05%	0	1	0	0	17	0	2	0	0	0	0	0	0
98133	17	4.47%	34	28	0	0	16	0	3	0	1	0	0	0	0
98136	2	0.53%	5	5	0	0	0	0	0	0	0	0	0	0	0
98144	10	2.63%	5	8	0	0	22	7	7	0	0	0	0	0	1
98146	3	0.79%	8	0	0	0	2	0	5	0	0	0	0	0	0
98148	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	9	2.37%	23	11	0	0	7	0	0	0	1	0	0	0	0



98166	2	0.53%	6	0	0	0	4	0	0	0	0	0	0	0	0
98168	2	0.53%	3	0	0	0	0	2	0	0	0	0	5	0	0
98177	3	0.79%	8	3	0	0	0	0	4	0	0	0	0	0	0
98178	2	0.53%	10	0	0	0	0	0	0	0	0	0	0	0	0
98188	2	0.53%	3	2	0	0	0	5	0	0	0	0	0	0	0
98198	2	0.53%	1	9	0	0	0	0	0	0	1	0	0	0	0
98199	4	1.05%	17	0	0	0	3	0	0	0	0	0	0	0	0
98201	5	1.32%	9	0	5	0	0	13	0	0	0	0	0	0	0
98203	5	1.32%	0	8	0	0	10	2	0	0	1	0	0	0	0
98204	4	1.05%	11	2	0	0	7	0	0	0	0	0	0	0	0
98208	2	0.53%	5	5	0	0	0	0	0	0	0	0	0	0	0
98226	1	0.26%	1	0	0	0	4	0	0	0	0	0	0	0	0
98258	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98275	2	0.53%	0	1	0	0	5	0	0	0	4	0	0	0	0
98296	3	0.79%	4	0	0	0	10	0	0	0	1	0	0	0	0
98367	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	5	0
98372	1	0.26%	0	0	0	0	0	3	0	0	0	0	0	0	0
98391	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98403	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98404	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98407	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98408	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
98409	1	0.26%	0	0	0	0	0	5	0	0	0	0	0	0	0
98422	1	0.26%	1	1	0	0	0	3	0	0	0	0	0	0	0
98597	1	0.26%	2	0	0	0	0	0	0	0	3	0	0	0	0
98926	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0